

"Continuous News Service
Since 1881"

The Tech

In This Issue
Nuts and Screws... p 5
MITV p 7
9.60 Editorial p 4

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MIT, CAMBRIDGE, MASSACHUSETTS

FRIDAY, SEPTEMBER 14, 1973

FIVE CENTS

Short faculty meeting opens academic year

By Paul Schindler

The first meeting of the MIT faculty for the 1973-74 school year was an abbreviated, mostly unproductive affair, with only two *pro-forma* decisions, followed by the President's remarks.

In secret session, as is traditional, the faculty approved candidates for the September agree list.

They approved 93 S.B.'s, 218 Master's, 21 engineering degrees and 141 doctorates.

The group also decided to continue, on an interim basis, the Arrangements for Participation in Faculty Meetings established by faculty vote on September 24, 1969.

The rules, begun as an experiment during the faculty meeting of February 19, 1969 (see *The Tech*, Feb. 21, 1969), include certain designated seating areas for non-faculty persons and allowing for non-faculty speakers under certain conditions.

When the measure was first introduced, it was extremely unpopular, and faculty meetings over the last four years that had anything to do with the Vietnam War were well-attended.

Last spring, in spite of discussions and decisions on crucial educational matters, attendance by non-faculty at several meetings was limited to reporters for *The Tech* and *Technology Review*, as was the case this Wednesday.

MIT President Jerome B. Wiesner then made a few remarks to the faculty on a wide range of topics.

"The small size of this year's freshman class is of concern..." Wiesner told the group, noting last year's reluctant decision to admit only 900 people was at least partially as a result of the class of 1050 admitted the year before.

According to Wiesner, even with 893 admitted (for a target size of 900) there is "overcrowding in at least 70 dormitory rooms affecting about two or three times as many people."

"I suspect we will be racing against the housing situation in Cambridge for the next decade," he concluded. "I have no delusions that one dormitory will make a significant difference in the number of complaints I receive from various groups about conditions."

The 1973 fiscal year closed with a surplus, in spite of inflation and Draper Lab divestment. The divestment will have an impact this year, he reported, as MIT was forced to keep the overhead rate at 58% this year, even though a rate of 61 or 62% can be justified by costs.

The Ad Hoc Committee on Grades has begun work under Professor Roy Kaplow of the Metallurgy Department; seven faculty, two undergraduates and one graduate student will be selected by Wiesner and Kaplow. The Research Contract Study Group is also being formed.



Baker's famous "Moon Garden," sited as an example of maintenance neglect in a recent article in *Architecture Plus* magazine.

Photo courtesy of *Architecture Plus* magazine

Article criticizes Baker use

By Bill Conklin

Twenty-five-year-old Baker House is featured in the July issue of *Architecture Plus*. Though praising Baker House, the article highly criticized MIT's use of it.

An article by Stanley Abercrombie, senior editor of the magazine, noted the dorm's Silver Anniversary and saluted Alvar Alto, the building's architect, for his creativity and freedom of design.

The red brick walls and undulating structure broke from the popular International style of the late 1940's, which dictated white, smooth buildings in geometric shapes.

In its criticism, the magazine cited MIT's Physical Plant department for "shoddy maintenance" and "insensitive modifications," such as the appropriation of lounge areas for more rooms, and replacing original cabinetwork with "inappropriate rubbish."

Ken Browning, Assistant Dean for Student Affairs, disagreed. "The Housing Office is responsible for maintenance, not the Physical Plant. And he [the author] was a little remiss in his criticism. I don't think the maintenance has been that bad."

Browning felt some deterioration was inevitable. "The building operated non-stop for 23 years before it was closed for repairs the summer before last."

Abercrombie, though somewhat critical of MIT's use of the dorm, stated that every resident he spoke to said they liked it. He cited the "spirit" as the reason

given most often for this preference, and stated that "a minimum of regimentation in Baker House" was in part responsible for this spirit.

The article concluded by saying that "MIT... has a fine and useful building without fully appreciating it."

The original plans for the building had to be modified to conform to the Cambridge building codes and to MIT's budget. Metal trellises were to have covered the south wall so vines could be grown on them for shade.

According to the article, clay tile replaced the brick on most of the interior walls, and cement plaster was used instead of ceramic tile on some walls of the dining room.

He also said that the lounges made into dorms were the result of the overcrowded housing situation of recent years.

The building was completed in 1948 and put into use the following year. In 1950, the dorm was named for Everett Moore Baker, Dean of Students, who died in a plane crash that year.

CIS Gets Ford Grant

The Ford Foundation is preparing to award MIT a \$500,000 grant for research and training in arms control and national security studies, as part of a road program aimed at training "new generation" of arms control analysts.

The grant will be awarded to the MIT Center for International Studies (CIS), and CIS Director Eugene Skolnikoff said Thursday the four-year program will involve students and faculty on an number of academic areas.

Skolnikoff said those faculty

members involved included Professors George Rathjens and William Kaufmann from the political science department, Jack Ruina from electrical engineering, Norman Rasmussen of nuclear engineering and John Deutsch of chemistry, as well as CIS Assistant Director Amelia Leiss.

Ford officials confirmed a larger grant was being made to Harvard's Center for International Affairs, where an arms control center is to be established. The amount of that grant was not disclosed.

Grad financial aid declines \$4 million

By Jules Mollere

MIT graduate students may find financial support tighter this year due to the Institute's loss of nearly \$4 million in federal fellowship grants.

According to Dean Irwin Sizer of the MIT Graduate School, 450 out of the 800 federally sponsored MIT fellowships have been withdrawn by the government, thereby increasing the number of applicants and hence the competition for Institute financial support programs.

This increased difficulty in obtaining financial aid to attend MIT's graduate school has, in Sizer's opinion, caused many prospective applicants to attend state universities where costs are much lower. The result is a stagnation in the growth of the MIT graduate school.

In an effort to win some of these people back, more positions as teaching assistants are being given to incoming students, rather than to those who are continuing their graduate education. This has led to ru-

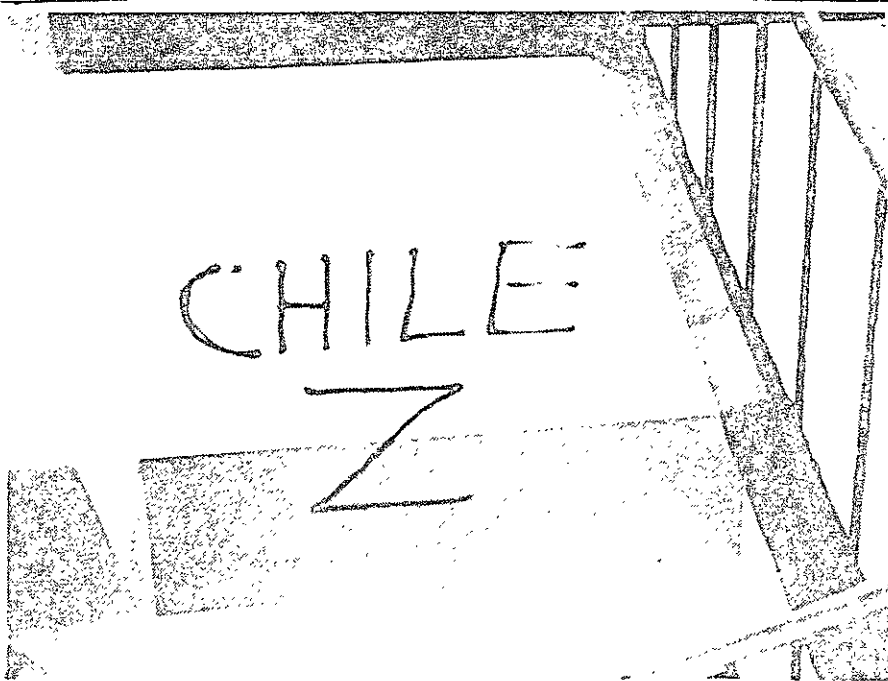
mors, which have been emphatically denied by Sizer, that financial support for T.A.'s is lacking.

Sizer said the number of teaching assistants this year (500), "is statistically within the level of previous years and there has been no decision to decrease that number."

He added that teaching assistants have recently received an increase in their stipends to match the increased cost of living and, while "they may not be able to eat steak every night," they should be able to live comfortably within this sum.

As for those graduate students who have lost teaching jobs to incoming students, the graduate school dean said he hopes to be able to offer more positions for such jobs as research assistants.

He said he believes the half-million dollars recently allocated by the federal government for work-study programs will help this situation, but emphasized that this money is really only a half-million dollar return for a four million dollar cut.



Armed forces reportedly overthrew the regime of Chilean Marxist leader Salvador Allende earlier this week; and the action brought prompt response from MIT students. The spray painting above was affixed to the Student Center stairwells (and also at several other places around campus) just hours after the overthrow was announced by the news media. Physical plant repainted the wall yesterday.

Photo by David Tenenbaum

Plan set for careers study

By Barb Moore

The Carnegie Foundation has provided \$400,000 in support of a program designed to encourage and aid the entrance of women into traditionally male dominated professions. The project, entitled "Women and Career Options," will provide funds to free female faculty members of six area colleges to advise undergraduate women and recommend academic policy.

The program is designed not only to provide fellowships for faculty members, but also to provide paid internships to undergraduate women in engineering field. *The Tech* Sports editor Sandy Yulke '74 is the first such intern in the project. She was sponsored by the grant

to study the career patterns of women in engineering fields.

Each intern reports directly to the Carnegie Foundation, usually in the form of a report or, as in Yulke's case, a survey. Yulke was chosen to participate in the internship since hers is "the first study of career patterns of women in engineering done by someone within the sciences, rather than a sociologist," stated Yulke.

A grant was secured by Mary Rowe, Special Assistant to the President and Chancellor for Women and Work at MIT. She wrote a proposal for a feasibility study of the project, which was accepted by the Carnegie Foundation. This study convinced the

Foundation of the usefulness of the project, and the funding was received last spring.

The original idea for the study of women in "male" occupations was presented by Adele Simmons, Dean of Students at Princeton and Dorothy Zimberg of Harvard. They went to the Carnegie Foundation with their idea, and were told to conduct a feasibility study before receiving funding approval. They then contacted Rowe, who agreed to do the study, and subsequently wrote the proposal for the funds.

The purpose of the project as stated by Rowe is to "release time for senior women faculty members to work on women's concerns." Three women of the

(Please turn to page 9)

AS

Council reviews zoning

By Storm Kauffman

Action on the proposed Riverfront rezoning plan is still pending, following the first session of the City Council since it recessed for the summer.

The Cambridge Planning Board is in the process of reviewing the situation and will soon present its recommendations for Council vote.

David Vickery of the Planning Board states that the Riverfront plan is to be the first in a series of steps to bring zoning laws into line with the real conditions throughout the city.

The city is over-zoned at 145 units per acre: the density is actually far less than that. The rezoning would provide for a basic density of 60 units per acre with special bonus alternatives to permit a maximum of 120 units.

When originally announced at the beginning of the summer, the plan was opposed by several groups, MIT among them. At

that time, Assistant to the Chairman of the Corporation Walter Milne, speaking for MIT at a hearing, termed it "probably the most extensive and drastic rezoning and reduction of value ever attempted in Massachusetts." (*The Tech*, August 4, 1973) He also condemned it as being unfairly aimed at landowners in one district.

MIT, which may own as much as 30% of the land according to Vickery, has retained counsel to contest the legality of the proposal. Milne told *The Tech* that the only action that MIT has taken over the summer was for this counsel to prepare a technical statement of the objections.

A city rezoning lawyer studied the proposal at the request of Cambridge. Vickery believed that the lawyer had found that the plan should be able to pass any of MIT's stated objections. However, Milne pointed out that the report has not yet been released and that

only the City Manager should be in a position to know its conclusions.

MIT has indicated its approval of a program called "planned unit development." Although this form of development permits mixed land utilization and is less restrictive than formal zoning, it has not been "enabled" by state legislation, and Cambridge is thereby forced to seek an alternative. Vickery claimed that the city's proposal should fulfill all that MIT wishes.

Flying Club will hold its of the new school year on Wednesday, September 19 at 7:30 pm in room 491 of the Student Center. An introduction to the Flying Club will be presented, along with a discussion of what the alternatives are for those who wish to fly in the metropolitan Boston area. Free refreshments will be provided. All members of the MIT community are welcome. For more information call Tom McKim x3-2843.

The Activities Development Board is presently receiving applications for capital equipment funding for student and community activities until October 2. Applications may be secured from Dean Holden's office in room 7-101.

An organizational meeting for the MIT Legislative Service Program/ (MIT Legs) - in which students work with state legislators on research projects - will be held Monday, Sept. 17, at 7:30pm in the Bush Room (10-105).

A general meeting of the Technology Community Association will occur on Wednesday, September 19 at 7:30 pm in the TCA office, fourth floor of the Student Center, W20-450.

MIT Dramashop will hold its first meeting tonight at 8 in Kresge Little Theater. A short play, "A Pound on Demand" will be presented, and the program for the year will be discussed. Cake and coffee will be served. Everyone is invited.

Auditions for the MIT Jazz Bands will be held Sunday, Sept. 16 at 5 pm in the Rehearsal Rooms of Kresge Auditorium. Old members should arrive at 6:30 for rehearsal.

The MIT Chamber Music Society will have an organizational meeting on Monday, Sept. 17 at 7:30 pm in room 473 of the MIT Student Center. All interested instrumentalists are invited to attend. For details phone dl 8-659 or dl 0-631.

The MIT Chapter of the American Society of Civil Engineers meets on Wednesday, Sept. 19 at 7 pm in room 1-350 for '73-'74 registration and a movie entitled "The Niagra Power Project." Plans for the New York Environmental Conference Trip will be discussed. All freshmen, new, and interested students in related fields welcome.

Freshman Picture Books available at the Technology Community Association (located on the fourth floor of the Student Center) for fifty cents. We only have a few left.

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MIT Dramashop First Meeting

"A POUND ON DEMAND"

A short play by Sean O'Casey

Discussion of the program for the year.

Coffee and cake will be served afterwards Everyone invited

Tonight, 8:00 pm Kresge Little Theatre

INTERESTED IN YOUR EDUCATION?

The Student Committee on Educational Policy (SCEP) conducts projects and studies to affect educational policy relating to students.

The first meeting of the year will be at 7:30 pm, Wednesday, September 19, in W20-400 (Student Center). Topics include an Education Lecture series and an omnibus project on Degrees, Grading, Requirements, and Units.

For more information, please contact:

Matt Farber, 266-7274

or

Robt Sacks, 494-8889

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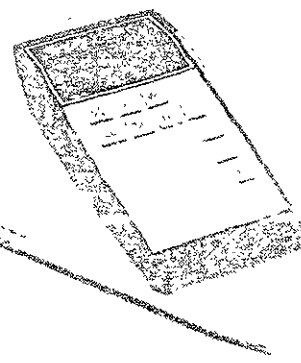
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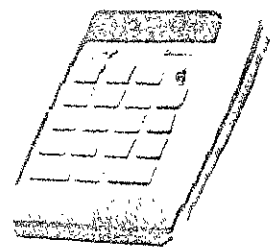
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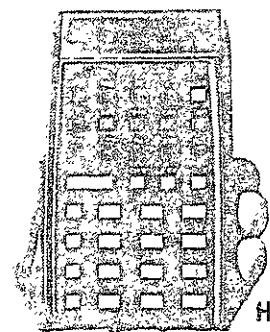
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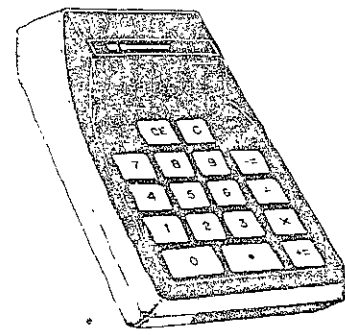
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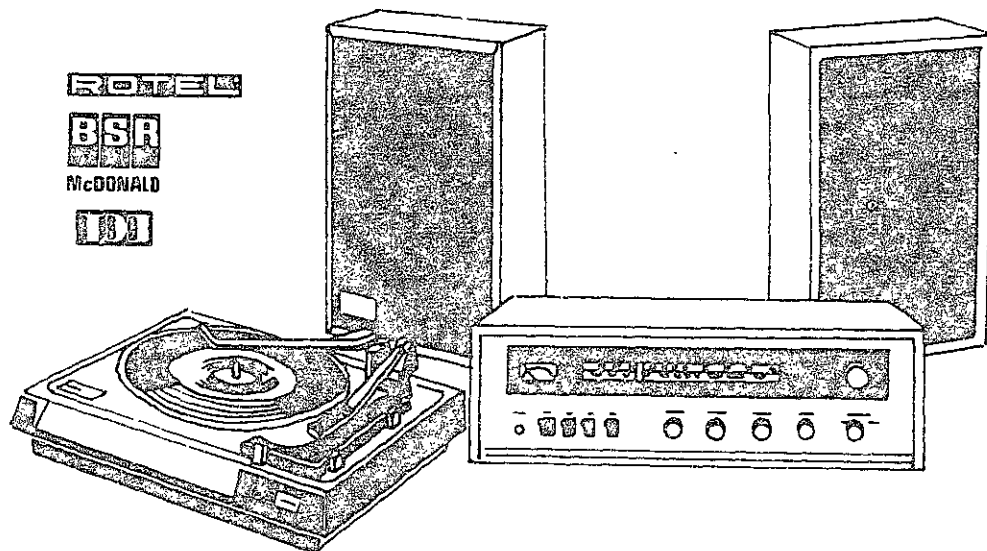
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MIT STUDENT CENTER

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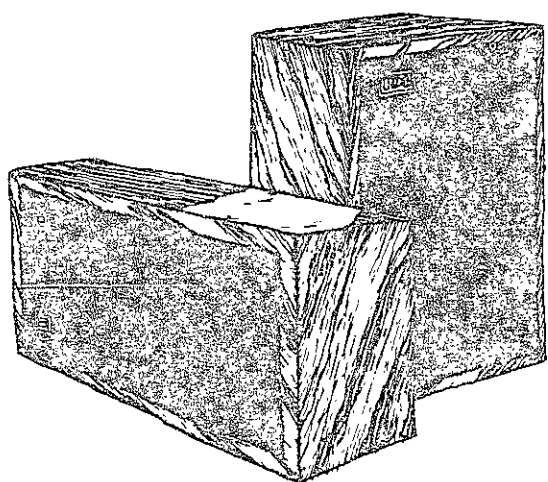
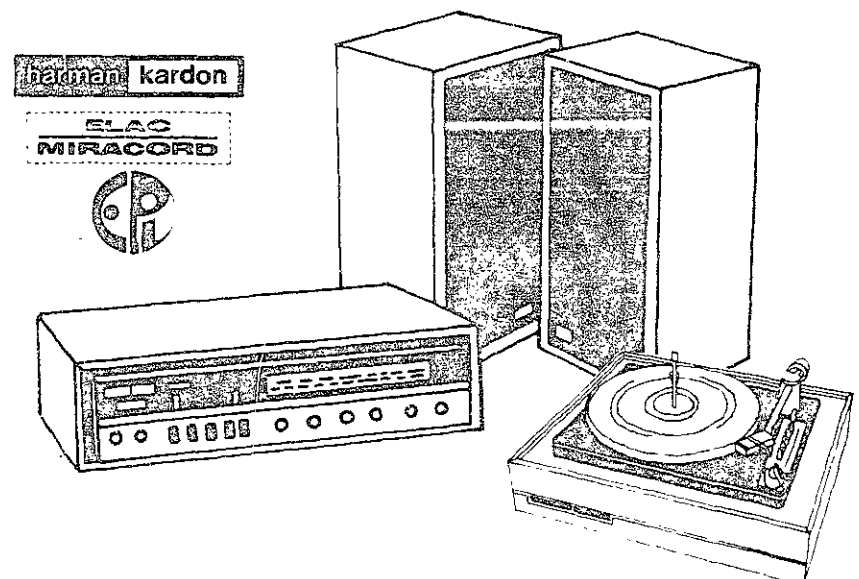
The Rotel RX-150 AM/FM stereo receiver will pull in all those live broadcasts from the local Blues & Jazz clubs as well as the live Boston Symphony and Pops concerts. Its tuner has a 60 dB signal to noise ratio (that's excellent) and an IF rejection of 70 dB for transparent, quiet reception in difficult reception areas (the Boston area is noted for this). The Model RX-150 comes housed in wooden cabinet and includes functions for two speaker systems, illuminated dial pointer, separate bass and treble controls, front panel headphone jack, and 15 rms watts of continuous power (less than 0.5% THD).

The list price of this BSR / Rotel / TDC system is \$275, but all Tech Hifi stores will have this system displayed for \$199 — that's a discount of 27%.

components of education \$449

"In ancient education, generally music, i.e. vocal and instrumental, came first," from a history of *Education in Antiquity*, by N.I. Marroy. The ancients believed that all educators should have an understanding of music, in all its many forms. What better way to study this concept than through a stereo system from Tech Hifi. "The Educator's Choice" system includes a Harman-Kardon 330a AM/FM receiver, two EPI 100 loudspeakers and the Miracord 620U turntable; it sells for \$449. The Harman-Kardon 330a will receive with "first row" clarity all the FM stations in the area. Its continuous rms power is 45 watts, entirely enough to drive the EPI 100 two-way loudspeakers. (The EPI 100 is EPI's first and most popular speaker). The EPI 100's are noted for extreme linearity in response and natural high frequency tones. TechHifi has chosen the Benjamin Miracord 620U turntable for use in this system because of its freedom from turntable rumble and inner groove distortion. The ADC 900 induced magnetic cartridge compliments the superior tracking ability of the Miracord 620U and will be installed and adjusted at TechHifi by your salesman. Make music first in your life with components like this EPI/Harman-Kardon / Miracord / ADC stereo system from Tech Hifi. Price includes base, dustcover, cartridge and walnut cabinet for the receiver.

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Editorial

The abrupt cancellation of 9.60, detailed in Letters to the Editor on this page, highlights a critical issue — faculty concern for students.

The listing of the subject in the catalogue and the schedules book may well have been an error; the professor who left MIT could not have been kept; and there may indeed be an equivalent course at Wellesley.

While there may be some virtue in not duplicating courses offered elsewhere, there is no virtue in carrying 9.60 for years with the bracketed notation [Not taught 7X-7Y school year], and even less in mistakenly not offering it.

Professor Teuber told *The Tech* the course may be offered this spring. We hope so.

We also hope that every MIT department occasionally remembers that it does not exist solely for research and graduate student education. Undergraduates deserve more notice of changes directly affecting them than they received in this case.

The whole field of course offerings, including the occasional ones which are cancelled for lack of interest, should be examined. "May be cancelled" might be an appropriate warning to be inserted when needed.

It's a first step.

CONTRIBUTORS

Several people contribute regularly to this editorial page. In order to assist you in understanding their point of departure, we offer the following thumbnail descriptions.

Mark P. Fishman '77 has been an MIT undergraduate for six or seven years, majoring in philosophy and physics. He has been called many things, but is currently listed on the masthead as "Editorial Staff." He is a registered conservative in New York, and wishes to be known as a cynic.

Michael D. McNamee '76 is a hoosier moving himself from mathematics to poli-

tical science. Currently an associate news editor, he is fast becoming an ex-Republican due to the corrosive effects of Boston's political atmosphere.

Norman D. Sandler '75 is "the Blonde Wonder" and a political science major. News Editor of the paper, he is a died in the wool Democrat in spite of his roots in the land where the tall corn grows (Iowa).

Paul E. Schindler, Jr. '74 is a son of Sloan (Management major), and currently edits this page. His hobby is reading the engraving beneath the great dome on his brass rat. He fancies himself something of a liberal democrat.

Letters to The Tech

To the Editor:

The first 9.60 lecture of the term was scheduled to take place at 3 pm on Wednesday in room 4-370. The course appeared in the catalogue and the schedule book. It did not appear on the schedule cards of the 30 people who came to the lecture hall for the first lecture.

After the traditional ten minutes, one of the people present got up and called the Psychology Department headquarters, only to discover that the course had been cancelled!

This course is only one of six that can be taken to fulfill the upperclass psychology department requirement. One of the other courses has an inescapable pre-requisite, leave little choice for an upperclass psychology major who has not already taken the pre-requisite.

The course has not been offered for several years.

The Department said it wasn't offering the course because the instructor who was expected to teach it wasn't going to be at MIT this year. When did they know he was not going to be here?

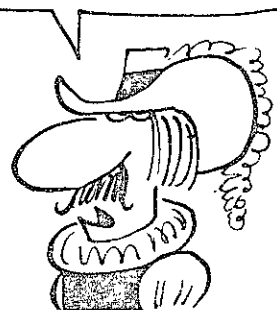
Why didn't the department inform the people who had signed up for the course that it would not exist? Can't someone else teach it? What other course might be offered as a substitute besides a Wellesley course, which offers substantial logistical problems?

This incident is a good example of poor communications between a department and its students which has resulted in inconvenience for the students. It could have been prevented.

Fred Duncanson '74
(Ed. Note: Professor Hans-Lukas Teuber, head of the Psychology Department, re-

plied that "We will see that this never happened again. It was a very bad error. We tried to get a correction in but missed. I will personally supervise the course, and it will be offered second term this year. It will differ from its focus of the past, becoming, in a sense, an extension of 9.00 examining "Conflicting Images of Man." We have a problem, with a full-time staff often serving some 1,600 undergraduates; sometimes we cannot offer as many courses as we would like to.")

THAT'S DISGUSTING!
DIDN'T HE EVER
WORK?



Continuous News Service

The Tech

Since 1881

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ERGO vs reason: another season

By Mark Fishman

Ergo is with us again! Volume VI, number 1 of that illustrious journal, "The Campus Voice of Reason," has opened with a thundering 'Challenge to Dogmatism' in which Frank Peseckis [noted committee chairman and defender of (private) property rights] relates once again the thrilling tale of his fight against Bias In The Department Of Philosophy. I urge all freshmen to read it, and upperclassmen to renew their acquaintance with it, particularly those of you who are "concerned with ideas," for whom I offer explanation hereinafter.

I have often been accused of being, myself, a Student of Objectivism, which suggestion I find slightly amusing (to say the least). It is amusing because I take quite seriously Miss Rand's injunction not to take anything "on faith," including and especially her philosophy of Objectivism. (italics mine) Those who question her writings, though they might disagree with her conclusions, do her philosophy greater service and pay her greater homage than those who do not. It is important, therefore, that the charge of educational bias at MIT not be ignored, even if only because it is presented by a self-styled advocate of academic freedom, property rights and reasoned discourse.

CABE (Committee Against Bias in Education, read: Frank Peseckis and friends) claims that the MIT Philosophy Department suppresses or ignores viewpoints different from the prevailing opinions of its faculty members. This is largely true. While it would be witty to respond that the Chemistry and Physics Departments do likewise, for example as

regards the Phlogiston Theory of Combustion, that would miss the point: the phlogiston theory is considered laughable by the majority of practicing scientists. It would similarly miss the point to claim, analogously, that Objectivism is considered laughable by the majority of practicing philosophers: for numbers of adherents do not determine the truth or falsity of any doctrine. Fifty million Frenchmen can be wrong (and often are).

Peseckis would agree, I trust, that a fully privately-owned, financed and operated educational institution has no responsibility to teach any viewpoint with which the trustees or owners disagree. He would further agree, I think, that no one should be forced to contribute to the support or spread of any doctrine with which he disagrees. So he would agree that, given that no deception is practiced as to the nature and balance of the curriculum at such an institution, the voluntarily attending student has had no rights violated.

And here we come to the point: for if MIT is a privately operated institution then its openly admitted bias in favor of what CABE terms Analytic Philosophy harms no one; and if it is not then all beliefs, however irrational, however widely or narrowly held, must be taught in proportion to their representation among the contributors to this university's support. This last would be a clear violation of the academic freedom of individual professors to teach — profess, if you will, their own opinions and beliefs — as they see fit; it would be an abrogation of the ability of a responsible faculty to maintain its standards, whatever they may be, and it would mean vastly in-

creased tax burdens for the taxpayers who foot their state educational bills.

In short, there are only the following moral courses of action for Peseckis: he may take his tuition money elsewhere, if MIT is so very intolerable; he may learn Analytic Philosophy and the opposing positions so well that he can, as it were, "beat them at their own game," and he may oppose all government support of education so as to maximize his market choice and minimize political coercion. I recommend all three.

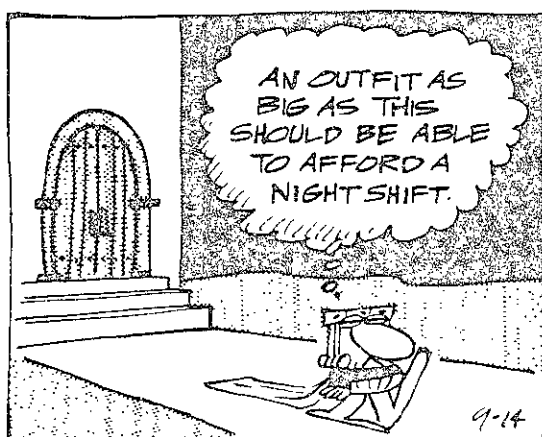
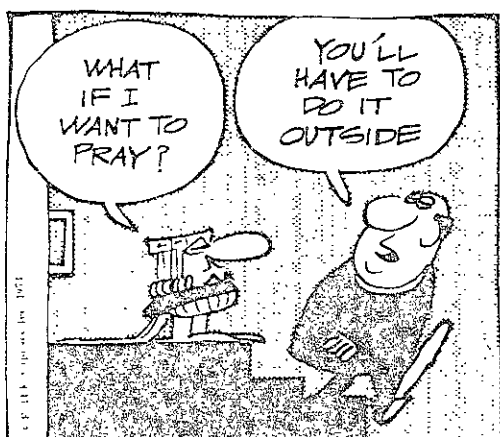
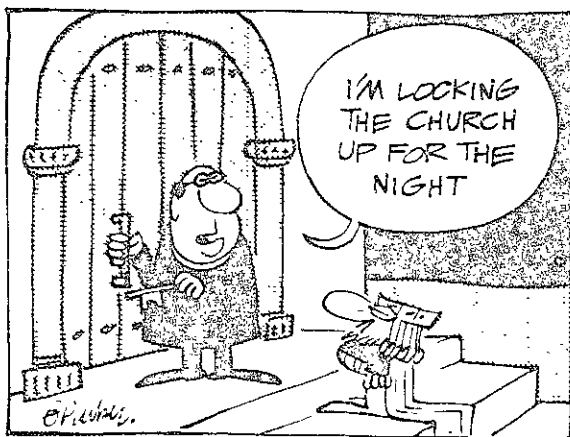
As to the Philosophy Department itself: the philosophy faculty fools no one of any sense, and those of little sense are little use to them. If there are other valid viewpoints than the ones they present in class, and there are, it can only be because some members of this faculty are either derelict in learning their field or afraid they have chosen their beliefs wrongly and wish to avoid comparisons. These are saddening considerations. "If any man can convince me and bring home to me that I do not think or act right, gladly will I change; for I search after Truth, by which man never yet was harmed." (Marcus Aurelius, Meditations VI, 21.)

No one can reasonably doubt the right of any teacher (or CABE member) to be on-sided; I would doubt his intelligence first.

A note to my new readers:

My columns appear sporadically and deal with anything; news or not, it makes little difference: I only want to set you thinking. To quote the late John W. Campbell, my purpose here is "to try to investigate the nature of the stuff in any suspiciously bulging shirts around."

by Brant parker and Johnny hart



The Wizard of Id appears daily and Sunday in *The Boston Globe*

A former Nixonian confesses: 'I'm fed up'

By Michael McNamee

I'm finally fed up.

As the weeks have gone by, it has become increasingly clear that both the hearings themselves and some of the commentaries on them have become increasingly absorbed in an effort to implicate the President personally in the illegal activities that took place. (R. Nixon, 8/16/73)

I'm fed up, and I'm not alone. Fed up with a president who is so paranoid and impersonal that he can't even say "me" — he has to say "The President" (caps his), like a royal third person! — while he condemns his "enemies" for attacking him. Fed up with enemies lists, break-ins, plumbers, and a man who bugs his brother — can you believe it!! his own brother! — "in the interests of national security."

Others have stated it more eloquently, others have made reasoned arguments for reprehension about the whole corrupt mess that is now known as Watergate, but I — and the thousands or millions of others in the real world who have brought Big Dick's popularity to an all-time low — can best express our feelings by saying — FED UP.

Hello, this is a friend. Helen Douglas is a Communist. I thought I ought to warn you. She's a Communist. (Nixon campaign worker making phone calls during campaign against Helen Gruley Douglas for California Senate seat.)

I'm not what some conservative analysts would call a Nixon-hater, someone who has hated Tricky Dick since Alger Hiss and has always wanted to "get" him. I was a rabid Nixon supporter for a long time — not a Haldeman or Colson, mind you, but a Loyal Supporter — and this lasted right up through the 1972 election.

When people said they could never support a man as fundamentally dishonest or incompetent as Nixon, I just scoffed or pointed out his (or Kissinger's?) record in foreign policy. When *Thursday* printed a "Last Word" of quotes and anecdotes like the one above, I just figured it was a gnashing-of-the-teeth for all the liberals who were obviously backing the wrong man. In those days, Watergate was a mere gleam in Bob Woodward's and Carl Bernstein's eyes — five Cubans, a couple of ex-White House people, and a phone number in an address book where it shouldn't have been.

Time went by; Nixon won the election handily (or McGovern lost, for those of you who read *The Tech*), thus calming my and Middle America's fears. Everything seemed to be going along well — I could even irritate the McGovernites with an occasional "49 to 1, eh?", when I felt it was necessary. Then, Watergate started growing.

To most of us, the term "Watergate" has come to mean not just a burglary and bugging at party headquarters, but a whole series of acts that either represent or appear to represent an abuse of trust. It has come to stand for excessive partisanship, for "Enemies Lists," for efforts to use the great institutions of government for partisan political purposes. (Nixon)

I'll admit, it wasn't all Watergate that brought me to change my mind. Mismanagement of the economy, the secret bombing raids in Cambodia, the paranoia, the mistreatment of the press (like an amateur in my field, I tend to be sensitive

about such things) — they were all there, even before Watergate, but it was suddenly harder to ignore them, harder to pass off the indications of bad government, corruption, and what Mr. Nixon delicately termed "excessive partisanship." ("I'd run over my own grandmother to get the President elected": Charles Colson.)

It all started to come back: the cartoons, the caricatures, the jokes, the alleged incidents that I'd heard about for years and had never quite been able to pass over without some misgivings. It seemed sudden, although it was a long, slow process of realization that the President of the United States was not quite the saint that he was supposed to be — that, at the very least, he had terribly

poor taste in advisors. But, nevertheless, it seemed sudden: the realization that I was no longer Nixon's man, no longer a loyal defender of the mandate against the liberal hordes that lay without the walls.

That was and is the simple truth. (Nixon)

So now I'm fed up. There's no better way to express my feelings, or the feelings I observed this summer in my home area, the Midwest. People are tired of Watergate, but they want more than a "peace with honor" — more than the forgetting-and-turning-to-other-matters for which the President asked in his speech. They want a resolution of the whole affair, a final settling, so that they can have faith in their government once

again and trust the people they elect — although it will be some time before the public trusts its leaders as blindly or as thoroughly as it has in the past.

Being fed up is an ambiguous state. It lacks the fanaticism of the genuine anti-Nixonite, the "Let's hang the bastard" type; but it certainly can not be satisfied with a continuance of the status quo, a feeling of security or trust in the President's actions. Long experience has shown me that the best way to eliminate the "fed up" feeling is to get to the bottom of the issue, settle the matter, and get it over with. I think that many of the American people feel this way; I hope that that is what will be done in the near future.

UA: Imminent decline again?

By Derrick Vlad

The Undergraduate Association is adopting a new approach to student government this year. We're making an all-out effort to bring the U.A. out of its ivory tower existence and to give it more favorable standing among its members, the student body.

We realize that in order to do so, we have to come up with concrete results on issues which are considered worthwhile by a great many students. Also, we are going to involve everyone who expresses any interest into the workings of the projects they find likeable.

The main resource that the U.A. lacks is people. On the other hand, the biggest asset of the U.A. is the ability to provide the organizational tools to enable people to work together in groups. We also have a limited amount of financial resources to assist us in the operations that we undertake.

The U.A. needs to "get back to the people," the students. That's the only way in which it can function in a worthwhile manner. It should not be an elitist group serving only to further the purposes of those in power.

Already, we are making preliminary efforts to move towards these goals. This Friday, we will be distributing a question-

naire that could prove invaluable to our future plans. It is an effort to find out where people are at, and to give us an idea of where people think we are at, or where we should be. This is our first attempt to open up lines of communication between all of us.

This coming Wednesday, we will be running an Open House for all freshmen who have any interest in working with us. We want to explain to them, from the start, who we are and what we are planning for the future. It is a great place to get involved if you are a fresh person, because if we can get enough of you to work with us, the chances are that we will be able to offer a wider range of challenging opportunities than anywhere else on campus. It is a sort of a self-perpetuating sort of thing.

Actually, the Open House is not restricted just to freshmen; we welcome anyone to come by. If you would like to discuss the questionnaire or if you would just like to come in and throw some ideas around. It will be very informal, and we could just as well call it a sophomore or junior or senior Open House. It will be held in the Mezzanine Lounge of the Student Center, from 4:30 to 6 pm — after classes, but before dinner.

This is a very crucial year in the life of

the UA. The past couple of years have seen a sharp decline in the interest of people in terms of what the "student politicians" were doing. But things began to pick up at the end of last year, and climaxed with the largest election turnout in several years. We want to keep this momentum, keep the waning interest alive, even bring it back. Please give us a fair shake; you may find out that we have changed. So come in and give us a try — you are even likely to see us come out to you.

It's not SUNNDDDDAAAYYY, it's Saturday, but it is still good old-fashioned middle America; beer, hot-dogs, and hot cars at Lime Rock Connecticut (Mass Pike to Exit 2 to Rt. 7S to Rt. 112W, 2.5 hours at legal speeds).

A cigarette company is sponsoring the event, which also includes a race sponsored by a tire company. Tickets are \$7, and include free beer and hot-dogs and all the racing you can attend.

Practice Friday, races Saturday, and no, they didn't pay for this plug.

—PES

Letters to The Tech

To the Editor:

What constitutes good news reporting, in my estimation, would seem to be an adherence to straight factual reporting. When a news article strays beyond the realm of an objective documentation of what is, this is editorializing. It strikes me as contradictory that *The Tech*, with its tradition of "continuous news service since 1881," should so obviously editorialize on its front page.

I refer specifically to the article of Tuesday, September 11, concerning fraternity rushing violations. From its first sentence that article leaves the world of factual to wander aimlessly for its remaining paragraphs in a world of speculation.

What profit is there in reading a newspaper article in which every other word is "possibly" or "allegedly" or "was reported" or "refused to comment"?

Such material is not news, and it therefore belongs on an editorial page.

How does *The Tech* get its news? During a telephone interview with a *The Tech* reporter, I posed that question. The reporter informed me that, because JudComm has refused *The Tech* comment on the violation charges, he was conducting his own inquiry among the dorms and houses involved. A justifiable task! But, judging from the content of his resulting article, I would call his inquiry unsuccessful.

JudComm, according to *The Tech*, "stated emphatically that no decisions have been made," that JudComm would "reserve the option . . . not to release the names of fines of fraternities found in violation of rush rules," and that there was uncertainty as to how many complaints actually would formally be filed. This uncertainty removes all doubt in my

mind that *The Tech* really had no news to publish in this case.

JudComm appears to be wise enough to withhold comment when it has not adequately established the truth of its information. *The Tech* apparently prefers to publish whatever it can lay its hands on.

What has evoked this letter from me is not so much the content of the rushing violations article as it is anger over what I feel to be a basic malpractice in current American journalism. Where news is lacking or inadequate, the press creates news where interesting public opinion is lacking or indifferent, the press establishes it.

According to this viewpoint, the public has no mind. It cannot itself take bare facts, judge them, and then formulate its own opinion. Rather, newspapers select their facts for their own obscure ends; and what facts do appear in the newspapers are masqueraded, following the whim of the editors. The reading public, subjected to the tasteful color of Judge Sirica's necktie or the probing curve in Senator Ervin's eyebrow on one person's opinion of the "strain on relations" between two otherwise friendly MIT fraternities, finds its news ready-made and its news personages accused, investigated, judged, and convicted long before the speculative article has even left the press offices for the first time.

When I finally pick up any newspaper, *The Tech* included, and find news on the front page and opinion clearly on the editorial page, then I will feel that mutual esteem again exists between the newspaper and its reading public.

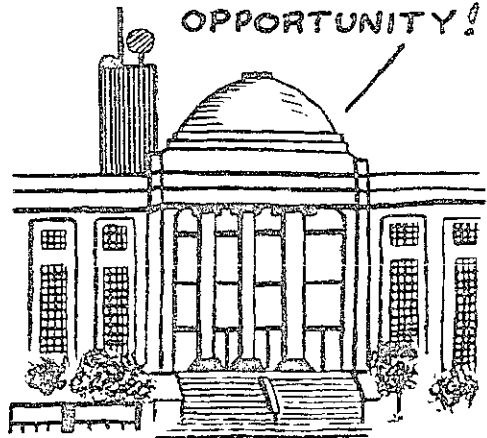
William J. Kupsky
President, SAE

(Ed. Note: A reply to some of the concepts raised and attacked in this letter will appear in Tuesday's edition of *The Tech*.)

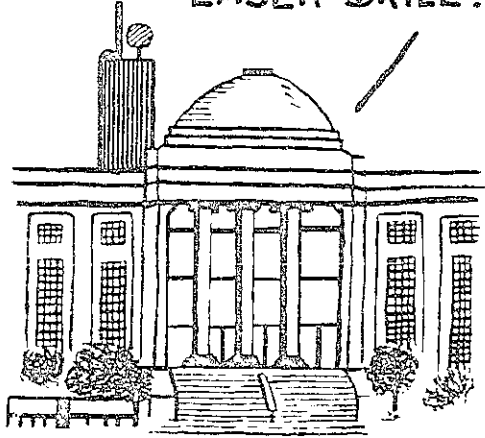
Nuts & Screws

By Fred Hutchison

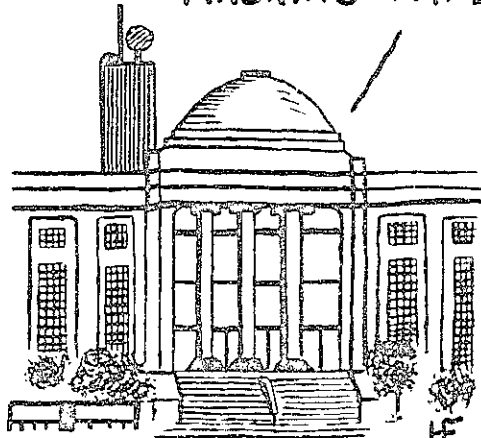
WOW! JUST THINK HARRY. ENGINEERING RESEARCH AT M.I.T. WHAT AN OPPORTUNITY!

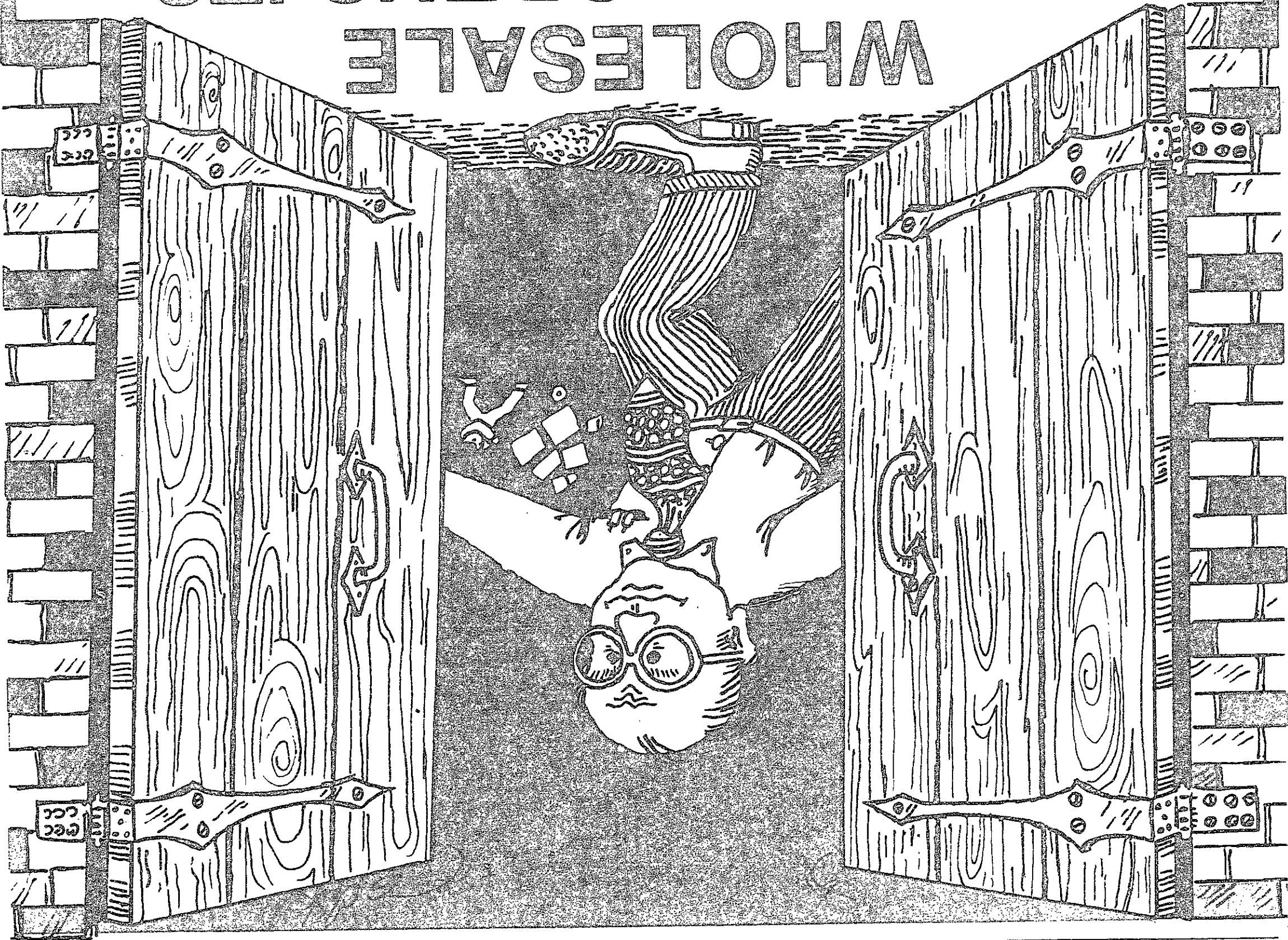


AND THIS PROJECT WE'RE WORKING ON: A REVERSE-ACTION, REMOTE-CONTROLLED PNEUMATIC LASER DRILL.



RIGHT CHUCK WILL YA HAND ME ANOTHER HUNK OF MASKING TAPE



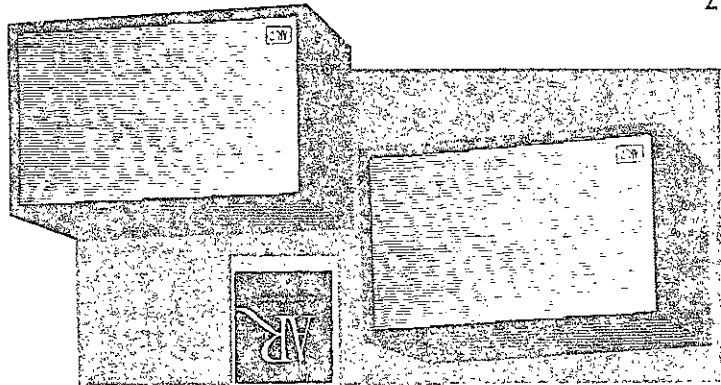


WHOLESALE INDUSTRY OPENS ITS DOORS TO STUDENTS

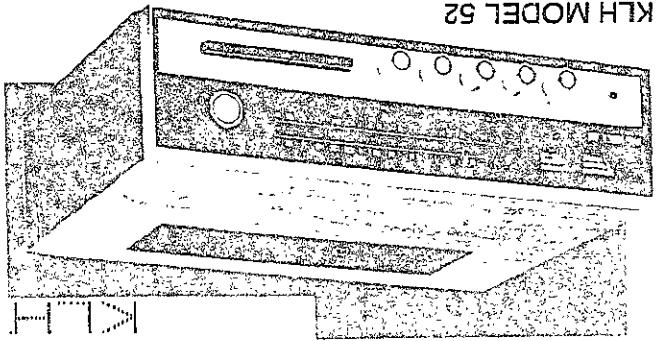
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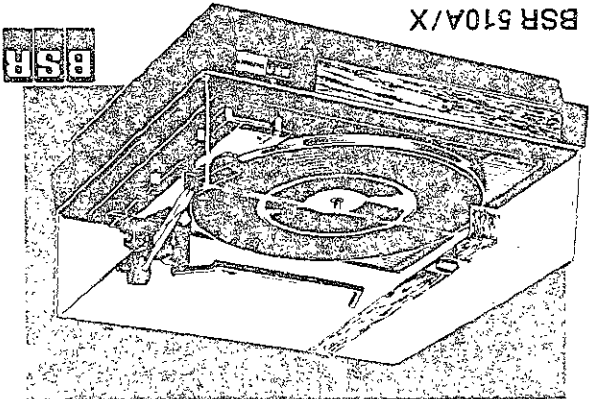
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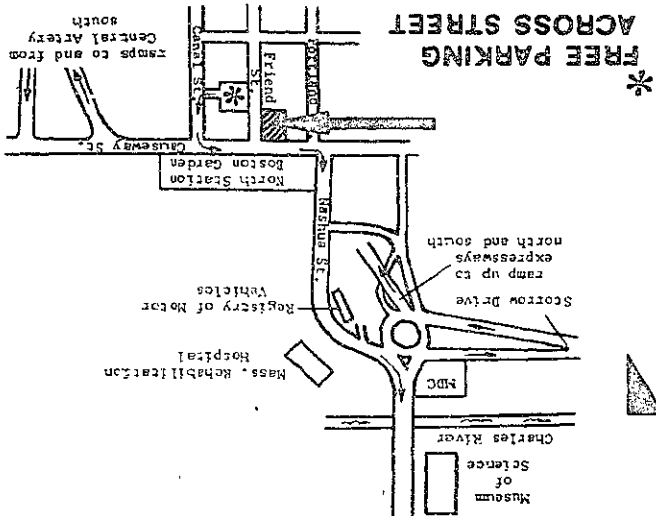
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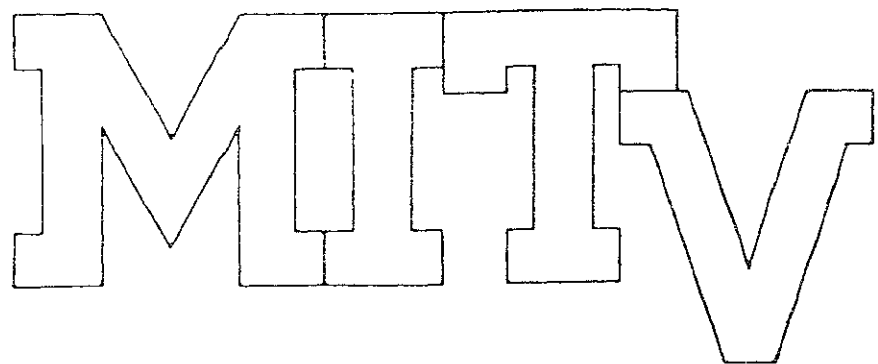
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MITV news due here soon

By Paul Schindler
"It's an idea whose time has come," said Craig Reynolds '75, who, with David Olive '76 has hatched the idea of a closed-circuit news program for MIT.
"We'll start off with a 15 minute news program twice a week," Reynolds said, "not because that's all the news there is, but because that is probably as much as our staff will be able to do."
What staff? "There's just two of us now, but we will be actively recruiting staff once we get funded."
Who might fund such an enterprise? "We've asked for help from the Council for the Arts and other sources. We hope to get it soon. We're only asking for \$2,000."
The money, according to Reynolds, will mostly go for a portable video-tape unit, as the show will use video-tape rather than the traditional film to present news that occurs outside the studio.
The budget also includes \$2 for a bottle of champagne to christen the equipment.
"The idea grew out of several sources; it was germinated in 17.21, and grew over the spring

and summer. It should bloom soon."
Thus the original source of the Institute's newest media innovation is Edwin Diamond, visiting lecturer in the Political Science Department, whose popular course "Politics and Television" has been offered for several years.
Having an idea, as anyone who has had one knows, was not enough. A great deal of leg work (Please turn to page 10)

THE ONLY WAY TO KNOW CONDITIONS IS TO MAKE AN INVESTIGATION OF SOCIETY . . . TO DO THIS WE SHOULD FIRST CAST OUR EYES DOWN AND NOT HOLD OUR HEADS HIGH AND AND GAZE SKYWARDS . . .

— Mao Tse-tung

"WHAT IT TAKES TIME TO HEAL"

11:00 Saturday, September 22


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Member of The Christian Science Board of Lectureship

First Church of Christ, Scientist, Cambridge
13 Waterhouse Street (facing Cambridge Common)

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Medical Department gives abortion info

By Alan Shapiro
Because of the Supreme Court's recent ruling that no state can prohibit abortions during the first three months of pregnancy, there is currently little hassle in getting an abortion at MIT.
A woman considering an abortion can get counseling from the medical department without much difficulty. The department tries not to encourage nor discourage the woman as long as she comes to them within the first three months of pregnancy.
After that, they will try to discourage her, or send her to a gynecologist, warning her of the dangers involved. But if she still insists, they will then proceed in the normal fashion.
No abortions are done at MIT. Dr. Albert Seeler, head of the MIT medical department (Please turn to page 10)



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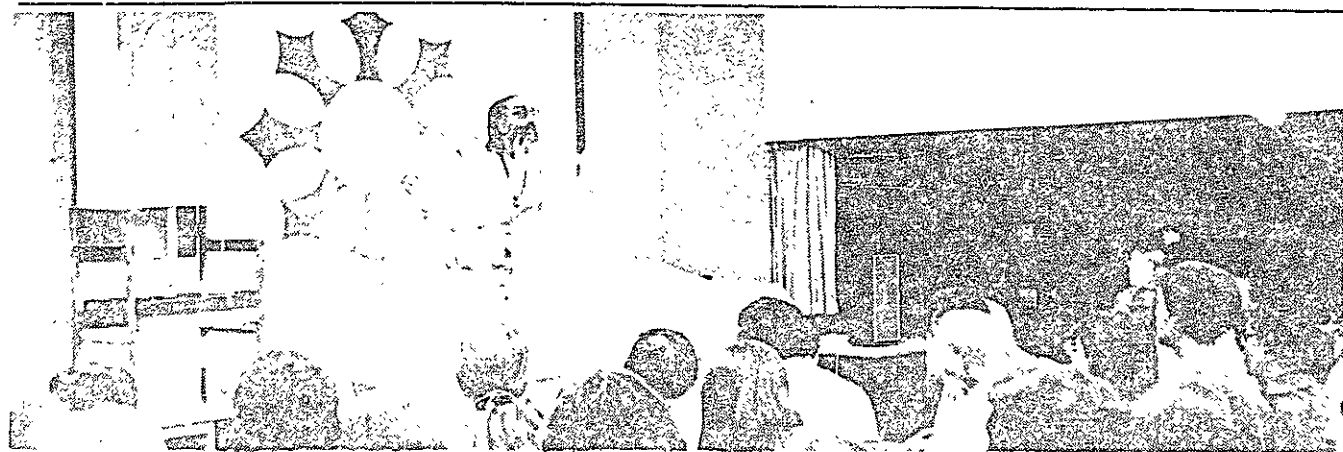
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The Tech
W20-483

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Even if we can't solve a problem, at least we can focus the bright light of publicity on it, and that in itself may help. You will never get action just by moaning. You may by asking for **HELP!**



For the past week, the fourth floor of the Student Center has resounded to the teachings of Swami Chinmayananda. Author of more than thirty works on the Bhagavad Geeta, the Upanishads, and the Vedanta, the Swami has been invited to speak at MIT, Harvard, and Yale, among others. In these lectures he "invites the questioning mind to scoff at empty dogma . . . and to accept neither scripture nor saint on hearsay."

Photo by David Tenenbaum

Newton takes over as EE exec officer

By Howard D. Sitzer

Earlier this summer, Professor George C. Newton was appointed Executive Officer of the Electrical Engineering Department. Professor Newton's duties will include the administration of the departmental budget and the coordination of personnel. Although he does have some input into policy decisions, he will be primarily concerned with policy implementation.

Newton sought the position with the hope of adding new dimensions to the office. By organizing in such a manner that everyday routines could be handled by others, he will be able to conduct forward-planning within the department and continue to pursue his individual research interests. His projects are involved with automatic control and instrumentation, electromagnetic components systems, and digital control processes.

Due to the normal complications that arise at the beginning of each semester, Newton's time is fully committed to administration. He will serve as a "central processing office" dedicated to meeting student demands. Although he must forego his teaching responsibilities, he will be participating in an innovative program under the direction of Professor Y.T. Lee of the Aeronautics and Astronautics Department. The program focuses on acquainting all students with invention, innovation, and research and

development leading to new products and systems. These skills will lead to establishing company entrepreneurship and the exploitation of advanced technology.

Newton emphasized that departmental administration is a year-round operation in which budgets are constantly being revised and student-faculty requirements continually altered.

LSC

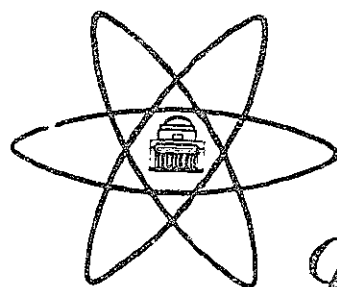
Friday, September 14
What's Up Doc?
7 & 9:30 - Kresge

Saturday, September 15
Easy Rider
7 & 9:30 - Kresge

Sunday, September 16
Destination Moon
8 - 10:250

Sign-up meeting, Monday, September 17, 7 to 8pm, Mezzanine Lounge, Student Center.

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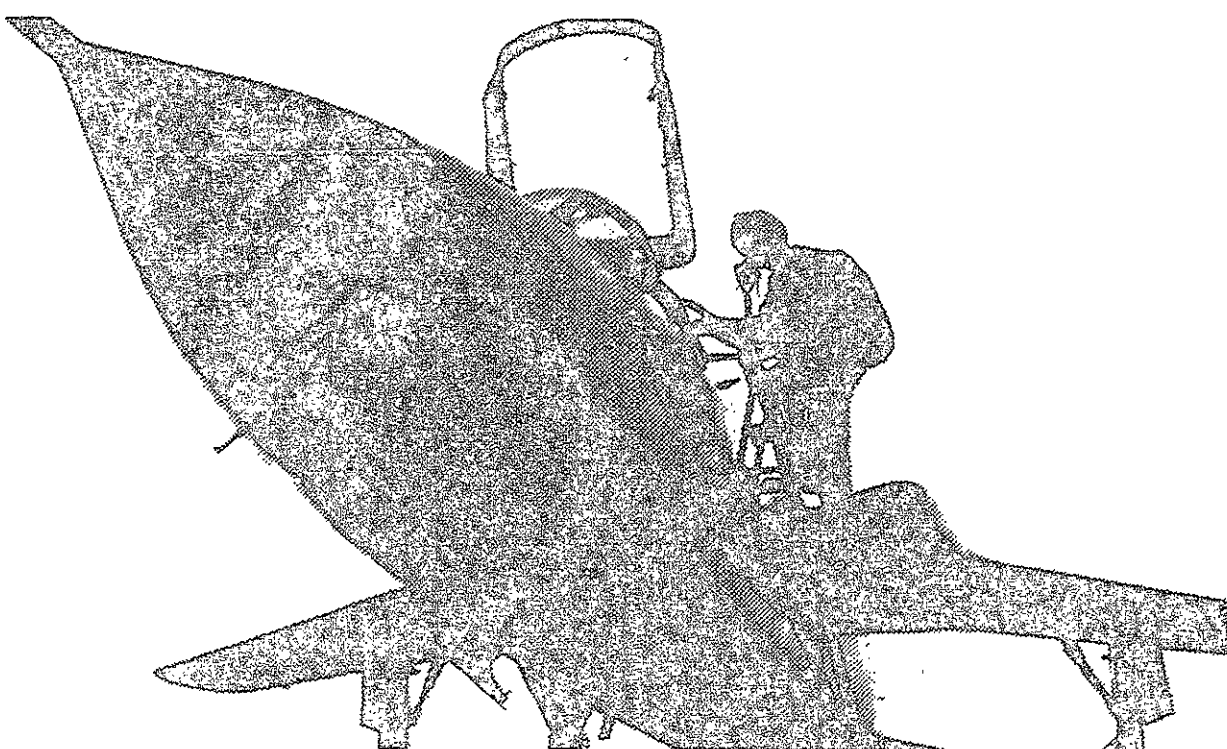
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Interested in Israeli folkdancing? Boston area Israeli folk dance troupe holding open rehearsals and auditions 9/16 and 9/23. For information call Jim at 1-663-2465.

Student-oriented restaurant needs hard working energetic people for all jobs. Call between 10 and 5. 868-3607.

8.014 (Physics I, Seminar-tutorial Format) - Needs volunteer tutors, graduate and undergraduate. Credit for 8.299 may be obtained. If you can give two hours or more per week, contact Earle Lomon 3-4877, Room 6-304.

Work Study Students or Volunteers to work in an open setting after school learning center in Cambridge (near MIT). Inner City children ages 5-12 - hours 2 pm to 5 pm, Mon. - Fri. (flexible). Call Audrey Jacobs at Tutoring Plus 547-7670 (4681) or at home, 661-1066.

The Tech needs a fast typist (at least 65 wpm) starting October 1. Minimum two days per week - good starting salary. Call John or Storm at x3-1541.

Careers study finds financial backing

(Continued from page 1)

MIT faculty have been selected to receive Carnegie Foundation support. They are Professors Mildred S. Dresselhaus of Electrical Engineering, Mary C. Potter of Urban Planning, and Sheila E. Widnall of Aeronautics. Women of Boston University, Brandeis University, Hampshire College, and the University of Massachusetts are also eligible to participate in the Carnegie Program.

The funds will be administered by Professor Melissa L. Richter of the University of Massachusetts at Boston. Student interns will be paid for time invested in their specific studies

or research projects. Most student interns will hopefully be involved in engineering rather than pure scientific fields, since there are fewer women now in the engineering aspects of scientific work.

The proposal was based on the premise that women undergraduates would benefit more from faculty advice on their careers in these fields than men students, since there are less women already in the areas and less sources for advice at their disposal. Therefore, the program aims to provide an outlet for women to discuss career plans with the female faculty members involved in the project.



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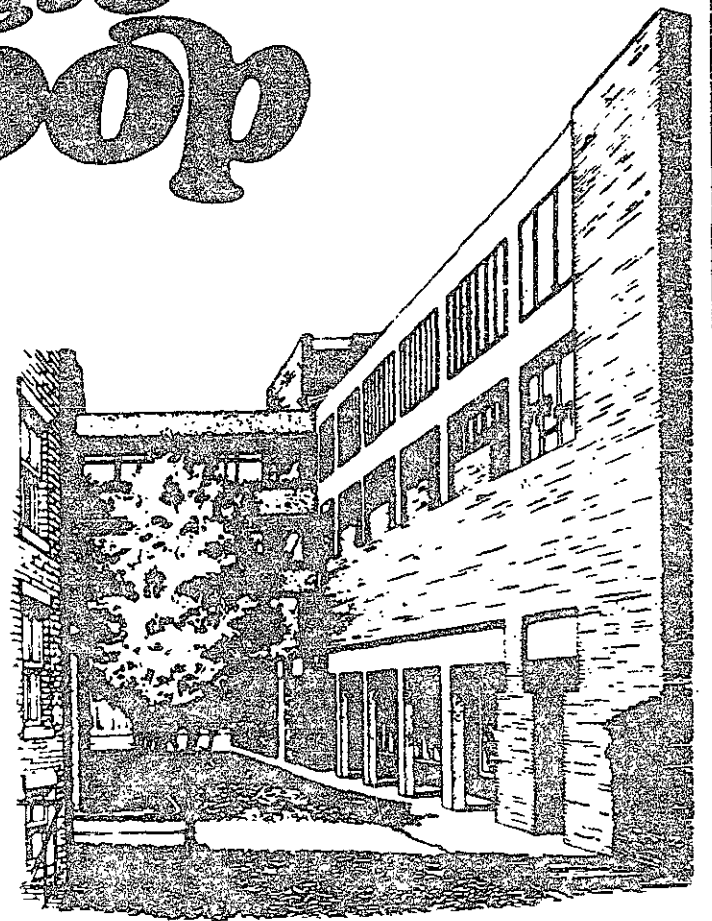
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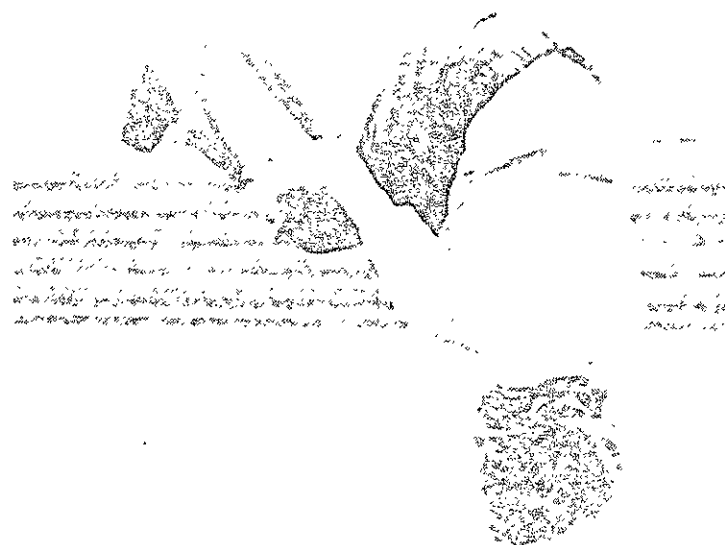
flip

out

join

The

Tech



Pictured above is Rick Ehrlich '77, who was told his name would appear in the paper. Payment by check is acceptable, Rick

MIT can be a very difficult place to exist
Working at The Tech can make it a little easier
Sunday's and Wednesday's
8 pm

W20-483, Fourth Floor Student Center

MITV: better news for the MIT masses

(Continued from page 7)

was required to bring the project as close to fruition as it is now.

An effort to gain summer fellowships to plan the project failed, as did preliminary efforts to work film into the format of the show.

The concept is unusual enough; even though it includes the standard anchorman, Reynolds hopes to create a program which can "be watched for any 90 seconds and be useful in that amount of time."

The format is dictated by the method of distribution MITV will use, at least at first. CAES (Center for Advanced Engineering Studies) has offered the group the use of a black and white studio.

The show will be taped on half-inch machines. The tape will then be wheeled around, along with a monitor, to various locations in the main complex for playback.

The audience at this embryonic stage will be Institute pass-

ers-by, dictating not only the 90 second attention span, but also suggesting a spritely presentation and a different attack on the concept of news.

"There are a couple of ways we would differ from the already existent news media. For example, I think there is more news on the front page of *Ergo* than there is on the front page of *The Tech*."

"Not MIT news certainly, but the limit of an MIT student's interest is not Memorial Drive and Vassar Street. Who is President and where we are fighting our latest war, or our next one, is also of interest."

Reynolds continued, "Essentially, however, we will differ philosophically from every news organization now in existence on campus except for WTBS. There is a real difference, in terms of participation and excitement, is an electronic presentation as opposed to a print one."

"There are a lot of electrical

engineers at MIT. We are offering them hands-on TV experience, and a chance to solve some of our problems, such as syncing two half-inch videotape machines so we can edit more easily on them."

There will also be opportunities to operate and improve on other aspects of studio operation, such as switching and special effects, Reynolds stated.

Existing campus news organizations have not found it easy to find and maintain a staff, but Reynolds does not feel that there is a limited, and already exhausted, supply of people interested in news. "We're not just news, we're also technology," he said, "and we offer a different set of personalities to hassle with."

Diamond wholeheartedly backs the effort, noting that it ties in with a lot of ongoing MIT concerns. "Wiesner [MIT President Jerome B.] has expressed his opinion that more techno-

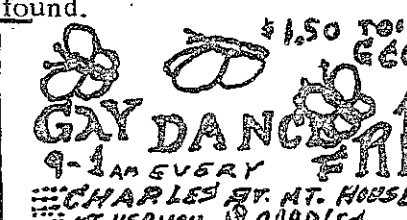
logy can get us out of the mess than technology has gotten us into.

"That idea has to be sold, and articulate scientists and engineers can do that job if they get the kind of experience that MITV offers."

Diamond points out that TV has become the primary news source of a number of Americans, making it more critical than ever that the medium attract and hold personnel who are competent to explain the com-

plexities of technology.

Diamond will probably run a seminar on "Television Content and Engineering Systems" this fall, if students express sufficient interest and a departmental umbrella for the course can be found.



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Med Dept offers referral

(Continued from page 7)

said he did anticipate they will be done here in the future.

Seeler said this is because there is a relatively low demand at the Institute, and it is generally agreed that facilities which handle a large quantity of abortions do a better job.

Thus the department serves basically as a referral service. Sometimes, the woman will be sent to a local clinic or hospital, but at other times she will be sent to New York State, where the facilities are more numerous.

The current demand in the Boston area is much greater than the facilities here can handle. Although three abortion clinics are on the verge of opening, and several hospitals perform the operation, many religiously affiliated hospitals refuse to perform abortions.

The state legislature, under extreme pressure from influential interest groups, recently passed a law stating that individual hospitals can refuse to perform abortions.

The medical department also offers follow-up counseling services following the operation. The fee for an abortion generally ranges between \$250 and \$500, depending upon the individual hospital or clinic. MIT pays the first \$300 under the normal insurance plan.

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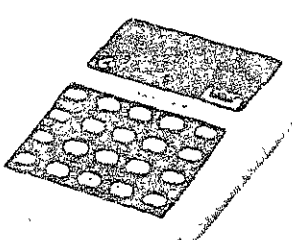
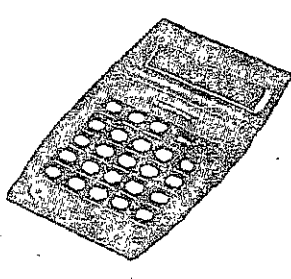


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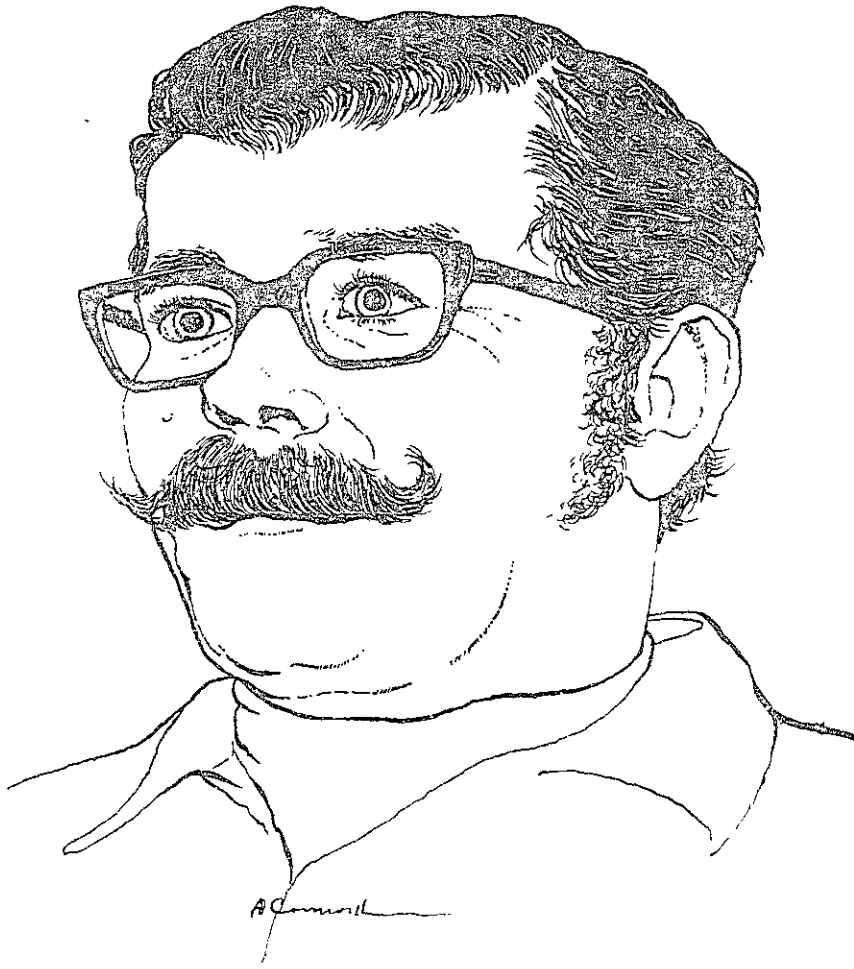
Student Center — Walker — MacGregor — Baker

Sports

Coaches Profile

William S. Morrison

William S. Morrison... Varsity Ski and Soccer coach... 11th season... eighth varsity soccer season... Springfield College, B.S., MEd.... co-captain, half-back, varsity soccer team... All New England, Springfield soccer MVP, 1961... Best soccer season 1972... 6 wins 8 losses overall, 3-1 in GBL play... Tie for GBL first place with Tufts and BU... Lost to Tufts in playoffs... 11th season as head skiing coach... past president Eastern Intercollegiate Ski Association... Ski teams perennially at top of EISA Division II ranks... certified pro ski instructor... Phys. Ed. instructor; swimming, skiing, golf... pool director of MIT day camp... from Manchester, N.H.



UROP

For detailed information on UROP opportunities listed, MIT undergraduates should call or visit the Undergraduate Research Opportunities Program Office, Room 20B-141, x3-4849. Undergraduates are also to check with the UROP bulletin board in the main corridor of the Institute.

Attention Undergraduates

UROP is now accepting proposals for the fall term. Proposals from student-faculty pairs should originate as student written documents carrying the student's signature and the faculty member's signature of collaboration. The first round of decisions on proposals will begin the week of September 23. Students should check with the appropriate UROP Coordinator for specifics and proposal outcome.

Sigma Xi

Undergraduate Research Awards

The Society of Sigma Xi is an honorary organization dedicated to the encouragement of scientific research. The MIT Chapter of Sigma Xi has made a grant to UROP for the support of undergraduate students in the field of applied science.

MIT undergraduates having unusual difficulty obtaining materials and supplies support for their research projects are encouraged to submit proposals to Sigma Xi in care of the UROP office, 20B-141. Proposals should consist of a detailed description of the project, including an itemized budget of materials and supplies and should be signed by the undergraduate and his faculty supervisor. A member of Sigma Xi and a UROP staff member will review proposals as they are submitted.

Chamber Music Meeting

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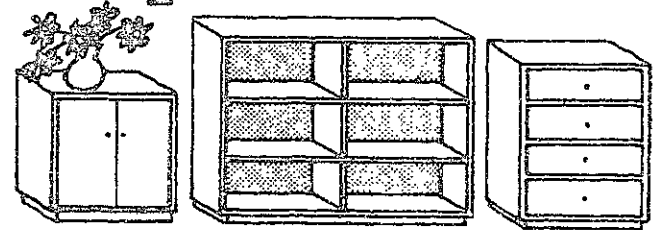
Call X3-4964, X3-3210 or
825-2966

IS IT ANYTHING STRANGE THAT THERE ARE MUDDY STAINS ON A PERSON WHO CRAWLS OUT OF THE MUD AND WHO CONSTANTLY DABBLES IN THE MUD?

— Liu Shao-chi

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Sports



Bill Miller, '69 graduate of Northeastern University is the new coach of MIT lightweights.

Photo by Roger Goldstein

Miller: new lights coach

By David I. Katz

This fall's crew season brings a new look to the MIT Pierce boathouse. His name is Bill Miller, the new varsity lightweight coach. A graduate of Northeastern (1969), this former captain of the NU heavyweight crew has seen international competition in the World Championships in 1969, the Pan American Games in 1971, the 1972 Olympics, and most recently, the 1973 World Championships held last month in Moscow.

When asked about the condition of the MIT lightweight crew program, Miller stated that from what he has seen and heard in his eight years on the river, MIT

seemed to have "a solid program with good backing from the athletic department and a lot of student support. A building program." He also expressed a great deal of excitement in that this year's squad "has a lot of potential. A lot can be done."

Miller's philosophy of rowing is not too different from what has been seen here at the Institute in the past few years. "Crew requires a great deal of dedication and hard work. But it should also be enjoyable. Some coaches go at it so hard that they forget about the enjoyment. The two can go together."

When asked about the "MIT

style" of rowing, Miller said that he does not plan to change the style too much. "If I see something that is hurting a boat, that will be changed. Otherwise, if all eight men in a boat are rowing together and the boat is moving well, I'll keep it."

Aside from these comments from the coach, there seems to be a new feeling of enjoyment in rowing and an increased desire to row. This can only be a good sign for the lightweights who for the past three years have shown a great deal of potential in the early part of the season but have been unable to realize this potential.



MIT women sailors took several major championships over the summer. See story upper right.

Photos by Henry Hall

Soccer ties opener 2-2

By Glenn Brownstein

Goals by Shin Yoshida '76 and Esref Unsal '75 paced the 1973 MIT soccer team to a 2-2 tie with Clark University in their opening pre-season scrimmage held Wednesday.

The game was characterized by aggressive yet sloppy play by both teams. MIT's offensive line waster numerous scoring opportunities, although Clark's full-backs and goalie played strong defense in turning away a number of shots inside the penalty area.

Clark's offense was contained fairly well by the Tech defense, except for two lapses, once early in the first half, and again in the final five minutes of the game, resulting in the two goals.

Despite MIT's erratic play, Coach William Morrison's comment that this year's squad has a good chance of breaking .500 for the first time in eleven years appears soundly based.

The return of most of the starters from last year's 6-8 squad, including Greater Boston League All-Stars Yoshida, Unsal,

Goalie Rich Straff '74, and Captain Mark Abkowitz '74, is expected to play a large part in guiding the team's future. In addition, an exceptionally large turnout for tryouts, numbering over 70, should improve the team's depth.

MIT will play in a pre-season tournament at Keene State College in Keene, N.H., along with Amherst, Norwich, and Keene State, before opening the season Sept. 26 at Harvard, expected to be Tech's toughest opponent this year.

Summer for sailors: gain 2 national titles

MIT Nautical Association sailors completed a successful summer season recently, after compiling victories in a number of national and regional championship events.

The women's varsity sailing team started off the summer by winning the Women's National Intercollegiate Championships in June at the New York Maritime College on the East River. Maria Bozzuto '73 and Shelley Bernstein '74, with crews Penny Butler '75, Joan Pendleton '76, and Barbara Miglierina '76, bested second-place Radcliffe by four points as they took the title over the nine-school field. Following last year's winner Radcliffe were Princeton, Dennison, Boston University, Georgetown, Ohio State, Indiana, and Cornell.

Steve Cucchiaro '74 capped an extremely successful year on the MIT men's varsity squad by being named to the 1973 Intercollegiate All-American Team, one of 14 sailors selected from around the country.

Steve then went on, with Paul Erb '75 and John Avalon '73, to capture the Prince of Wales Trophy, symbolic of the North American Match Racing Championship. In winning the finals, sailed at Long Beach, California, he defeated some of the nation's top skippers.

Cucchiaro's other victories this summer included the North

Shore and Massachusetts Bay Men's Championships, as well as a third place in the New England Men's Finals, with crew Shelley Bernstein and MIT Professor Joe Ferreira.

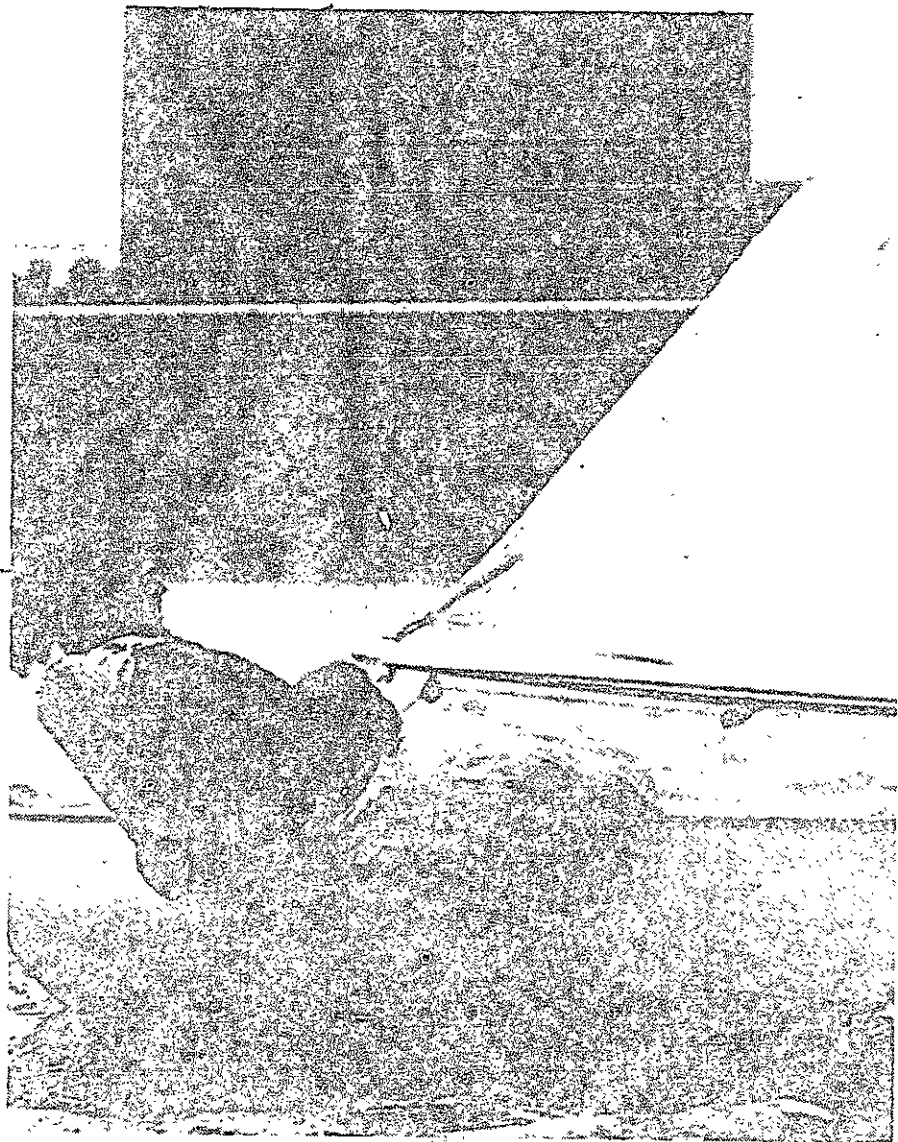
Hatch Brown, varsity sailing coach, placed first in the New England Lark Class Championships in New Hampshire, and combined results with Maria Bozzuto to take the Lark title at the annual Quincy Bay Race Week.

Terry Cronburg '67 won the Massachusetts Bay Singlehanded Championships, while Ed Shaw, freshman team coach, went on to take the New England Singlehanded title.

In a Novice Regatta sponsored by the Nautical Association on the Charles River, Mike Thomas '74 placed first, followed closely by Ellen Sullivan.

The men's varsity and freshman teams open their fall season this weekend, with the varsity scheduled for a dinghy invitational at Tufts, an Interdistrict Team Race against the Middle Atlantic association at Coast Guard, and a three-crew invitational at MIT.

The freshman squad will sail in a dinghy invitational at Tufts on Sunday, and the women's varsity will begin with the New England Singlehanded Championships on September 22 and 23 at MIT.



IM Football

Rosters and entry cards for this year's IM Football season are due today, Friday, September 14 at 12 noon in the IM office (W32-121). Teams which owe fines are reminded that their entries will not be accepted unless their fines are paid.

All teams are reminded that one person (two people for A league teams) must attend one of the two referees' clinics which will be held at 7pm Sunday, September 16 and Tuesday, September 18, in the Varsity Club Lounge (in DuPont). There is a new IM Football handbook which is available from the IM office, and all teams should acquaint themselves with the new rules. For more information, call x3-7947.

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